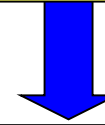


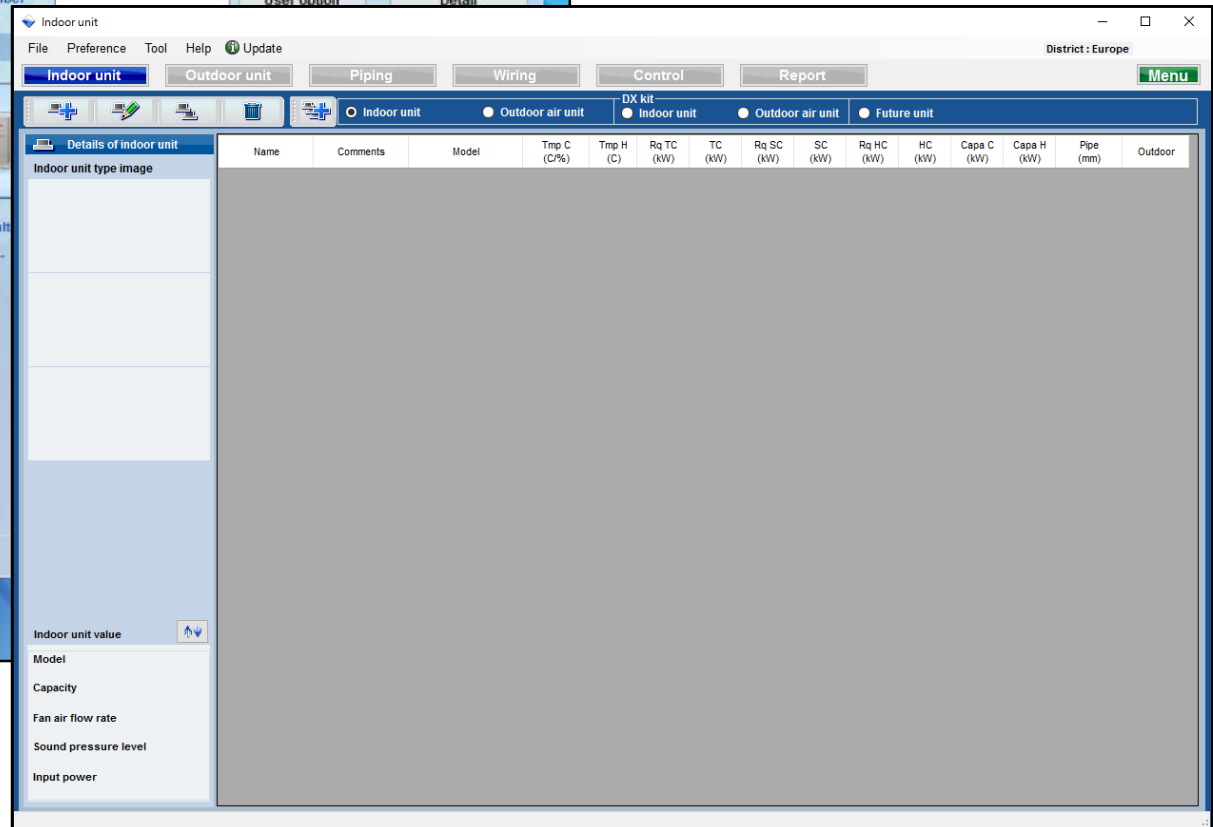
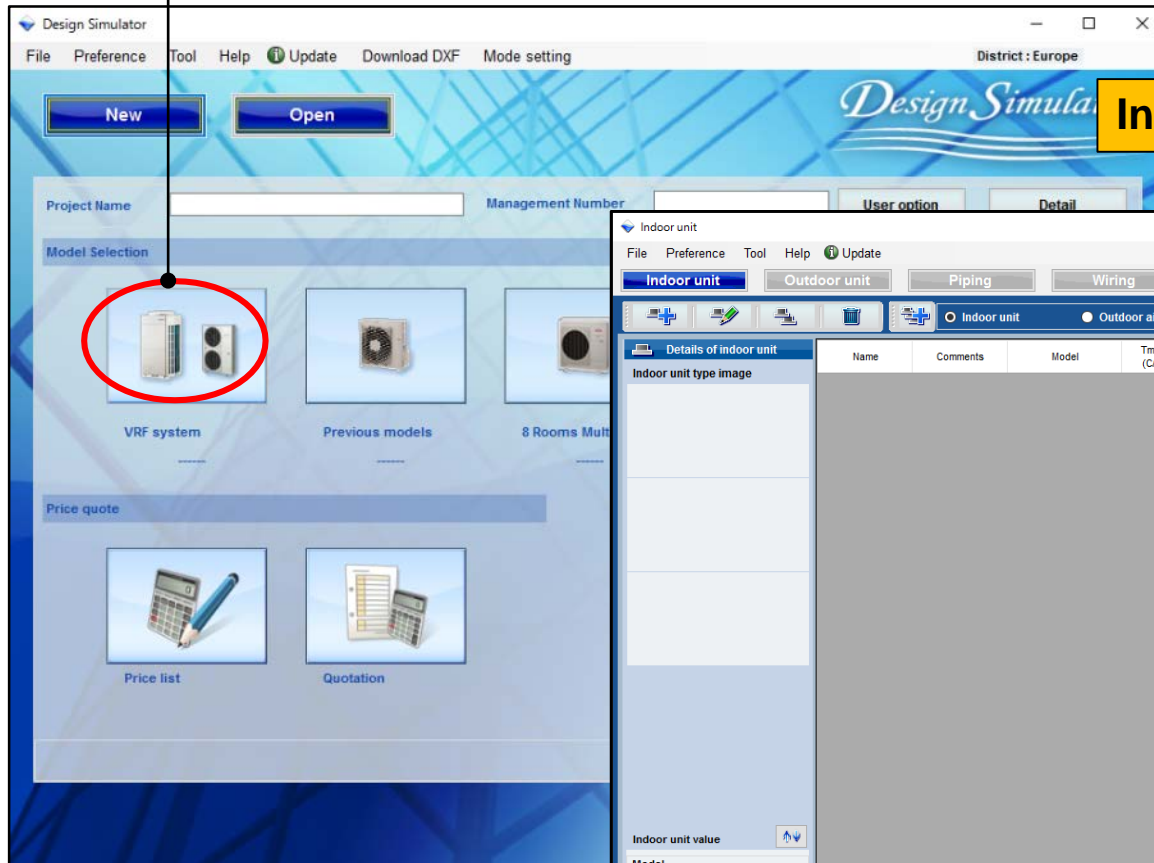
# System settings

# Design Simulator

Select VRF system



Indoor unit settings initial screen



## 1. Indoor unit



Select Indoor unit

## 2. Outdoor air unit



Select Outdoor air unit

## 3. DX Kit Indoor unit



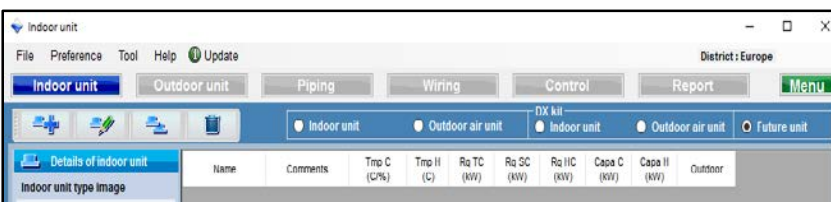
Select DX Kit Indoor unit

## 4. DX Kit Outdoor air unit



Select DX Kit Outdoor air unit

## 5. Future unit



Select Future unit

## 1. Indoor unit



Select Indoor unit

## 2. Outdoor air unit



Select Outdoor air unit

## 3. DX Kit Indoor unit



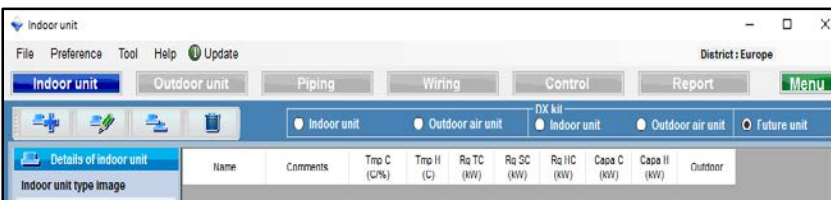
Select DX Kit Indoor unit

## 4. DX Kit Outdoor air unit



Select DX Kit Outdoor air unit

## 5. Future unit



Select Future unit

# 1. Indoor unit settings

Design Simulator

## Indoor unit selection method (1/6)

Select “add new indoor unit”

Open indoor unit initial registration screen

The screenshot shows the Design Simulator software interface. The top menu bar includes File, Preference, Tool, Help, and Update. The 'Indoor unit' menu is highlighted in the top bar. The main window displays a table with columns for Name, Comments, Model, and various capacity and power ratings. A red box highlights the 'Input new indoor unit' dialog box, which is open over the main table. The dialog box contains fields for Name, Comments, Model, Type, Airflow level, RC, and Design criteria (Cooling and Heating). The 'Room setting' button is highlighted in green.

Name	Comments	Model	Tmp C (C%)	Tmp H (C)	Rq TC (kW)	TC (kW)	Rq SC (kW)	SC (kW)	Rq HC (kW)	HC (kW)	Capa C (kW)	Capa H (kW)	Pipe (mm)	Outdoor
------	----------	-------	------------	-----------	------------	---------	------------	---------	------------	---------	-------------	-------------	-----------	---------

**Input new indoor unit**

Name:

Comments:

Model:

Type:

Airflow level:

RC:

Design criteria

Cooling

DBT: C  27.0 TC: kW  0.5

RH %:  43.4 SC: kW  0.5

Heating

DBT: C  20 HC: kW  0.5

Additional information

# 1.Indoor unit settings

*Design Simulator*

## Indoor unit selection method (2/6)

Input new indoor unit

Name: indr1

Comments:

Model

☐ Manual selection

Type: Compact cassette

Model:

Airflow level: High

RC: Wired RC(Touch) Options

Design criteria

Cooling

DBT	C	27.0	Required capacity	TC	kW	0.5
RH %		43.4	SC	kW	0.5	

Heating

DBT	C	20	Required capacity	HC	kW	0.5

Additional information

Room setting

Cancel Add

Preference input name display

Input comments. (Limitation Twenty characters)  
It is possible to write freely. ( Ex. : 1Floor Office 1)

<Auto selection>

Select type of Indoor unit

Model-information function

Select Airflow level

Select type of Remote Controller

Select Optional parts

Input design conditions.  
If you don't decide design conditions, input it  
under the ratings condition of cooling "27C"  
and heating "24C".

Input required capacity.

Room setting function

# 1.Indoor unit settings(duct Type)

Design Simulator

## Indoor unit selection method (3/6)

+

Input new indoor unit

×

Name

Indr1


Comments

Model

☒ Manual selection

Type

Slim duct(Drain pump internal)



Model

ARXD04GALH

RC

Wired RC(Touch)

Options

Design criteria

Cooling

DBT	C	27.0	TC	kW	0.5
	RH %	43.4	SC	kW	0.5

Heating

DBT	C	20	HC	kW	0.5
-----	---	----	----	----	-----

Primary setting

☒ Required air flow

☐ External static pressure

Required air flow

m3/h

510

Range

0 - 510

External static pressure

Pa

25

Range

0 - 90

Additional information

Room setting

Cancel

Add

Only when Air flow and static setting is selected at Design of air flow static pressure

Select Primary setting

Input Required air flow

Input External static pressure

# 1.Indoor unit settings(Used option) *Design Simulator*

## Indoor unit selection method (4/6)

### Used option

#### Remote controller1

Wired RC(Touch) ✓

#### Remote controller2

✓

#### Allowed options●

- ☐ Air outlet shutter plate
- ☐ External switch controller(TEKX)
- ☐ Insulation kit for high humidity
- ☐ Fresh air intake kit
- ☐ External connect kit(XWZXZ7)
- ☐ External connect kit(XWZXZB)
- ☐ External connect kit(XWZXZC)
- ☐ External connect kit(XWZXZD)

#### Selected options

Name	Model number	Quantity

Cancel

OK

Select Remote controller1

Select Remote controller2

Add Allowed options

# 1.Indoor unit settings

## Design Simulator

### Indoor unit selection method (5/6)

( Ex. Case1)

( Ex. Case2)

( Ex. Case3)

( Ex. Case1)

Comments : 1Floor Office 1  
Type : Compact cassette  
RC : Wired remote controller  
Design temperature : 27C  
Required capacity (TC) : 2.0kW (Cooling)

( Ex. Case2)

Comments : 2Floor Conference room1  
Type : Slim duct(Drain pump internal)  
RC : Wired remote controller  
Design temperature : 27C  
Required capacity (TC) : 0.5kW (Cooling)

( Ex. Case3)

Comments : 2Floor Conference room2  
Type : Ceiling  
RC : Wired remote controller  
Design temperature : 27C  
Required capacity (TC) : 7.0kW (Cooling)  
Required capacity (SC) : 5.0kW (Cooling)

Input new indoor unit

Name: Indr1  
Comments: 1F\_Office1

Model  
☐ Manual selection  
Type: Compact cassette

Airflow level: High

RC: Wired RC(Touch)

Design criteria

		Required capacity	
Cooling	DBT C	27.0	TC kW 2.0
	RH %	43.4	SC kW 2.0
Heating		DBT C	20 HC kW 2.0

Primary setting  
☒ Required air flow  
☐ External static pressure

Required air flow  
m3/h 510 Range 0 - 1330

External static pressure  
Pa 25 Range 0 - 90

Additional information  
Room setting

Cancel Add

Input new indoor unit

Name: Indr2  
Comments: 2F\_Conference1

Model  
☐ Manual selection  
Type: Slim duct(Drain pump internal)

Airflow level: High

RC: Wired RC(Touch)

Design criteria

		Required capacity	
Cooling	DBT C	27.0	TC kW 0.5
	RH %	43.4	SC kW 0.5
Heating		DBT C	20 HC kW 0.5

Primary setting  
☒ Required air flow  
☐ External static pressure

Required air flow  
m3/h 510 Range 0 - 1330

External static pressure  
Pa 25 Range 0 - 90

Additional information  
Room setting

Cancel Add

Input new indoor unit

Name: Indr3  
Comments: 2F\_Conference2

Model  
☐ Manual selection  
Type: Ceiling

Airflow level: High

RC: Wired RC(Touch)

Design criteria

		Required capacity	
Cooling	DBT C	27.0	TC kW 7.0
	RH %	43.4	SC kW 5.0
Heating		DBT C	20 HC kW 7.0

Additional information  
Room setting

Cancel Add



# 1. Indoor unit settings

### Indoor unit selection method (6/6)

Indoor unit


File Preference Tool Help Update District : Europe

Indoor unit Outdoor unit Piping Wiring Control Report Menu

Indoor unit Outdoor air unit DX kit Indoor unit Outdoor air unit Future unit

Details of indoor unit

Indoor unit type image



Indoor unit value

Model  
Compact cassette

Capacity  
1.1 - 7.1 kW

Fan air flow rate  
530 - 1030 m3/h

Sound pressure level  
34 - 50 dB(A)

Input power  
23 - 84 W

Name	Comments	Model	Tmp C (C/%)	Tmp H (C)	Rq TC (kW)	TC (kW)	Rq SC (kW)	SC (kW)	Rq HC (kW)	HC (kW)	Capa C (kW)	Capa H (kW)	Pipe (inch)	Outdoor
Indr1	1F_Office1	Compact cassette	27.0/ 43.4	20	2.0		2.0		2.0					
Indr2	2F_Conference1	Slim duct(Drain pump...	27.0/ 43.4	20	0.5		0.5		0.5					
Indr3	2F_Conference2	Ceiling	27.0/ 43.4	20	7.0		5.0		7.0					
Indr4	1F_Office2_1	Compact cassette	27.0/ 43.4	20	4.0		4.0		4.0					
Indr5	1F_Office2_2	Compact cassette	27.0/ 43.4	20	4.0		4.0		4.0					
Indr6	1F_Office2_3	Compact cassette	27.0/ 43.4	20	4.0		4.0		4.0					
Indr7	1F_Office2_4	Compact cassette	27.0/ 43.4	20	4.0		4.0		4.0					
Indr8	1F_Office2_5	Compact cassette	27.0/ 43.4	20	4.0		4.0		4.0					
Indr9	1F_Office2_6	Compact cassette	27.0/ 43.4	20	4.0		4.0		4.0					
Indr10	1F_Office2_7	Compact cassette	27.0/ 43.4	20	4.0		4.0		4.0					

Information on the models with the possibilities are displayed.

The model has not been decided in Auto Selection. When it is connected with the outdoor unit, the model of the indoor unit is decided.

## Room setting function (1/3)

Select "Room setting"

Open Room setting screen

Select "Floor setting"

Open Floor setting screen

Add or remove Floor

Floor2 can be added

Add Floor

Remove Floor

The image illustrates the steps to add a second floor to a room setting in the Design Simulator software. It consists of three overlapping screenshots showing the progression of the task.

**Step 1: Modify indoor unit window**  
The first screenshot shows the 'Modify indoor unit' window. The 'Name' field is set to 'Indr2' and 'Comments' to '2F\_Conference1'. The 'Model' is set to 'Cassette'. The 'Airflow level' is set to 'High'. The 'Design criteria' section shows 'Cooling' and 'Heating' settings. The 'Room setting' button at the bottom is circled in red.

**Step 2: Room setting window**  
The second screenshot shows the 'Room setting' window. The 'Floor type' is set to 'Single Floor' and the 'Floor' dropdown is set to 'Floor1'. The 'Floor setting' button is circled in red.

**Step 3: Floor setting window**  
The third screenshot shows the 'Floor setting' window. The 'Floor' dropdown is set to 'Floor2'. The 'Add floor' button is highlighted. The 'Remove' button is also visible.

**Buttons and Actions:**  
The 'Room setting' button is located at the bottom of the 'Modify indoor unit' window. The 'Floor setting' button is located at the top of the 'Room setting' window. The 'Add floor' and 'Remove' buttons are located at the bottom of the 'Floor setting' window.

**Flow:**  
A large blue arrow on the right side of the image indicates the sequence of steps from the first screenshot to the third.

## Room setting function (2/3)

Select "Item setting"

Open Item setting screen

Displayed item can be set

Check the items you want to display

Checked items are displayed

Displayed item

Displayed item unit

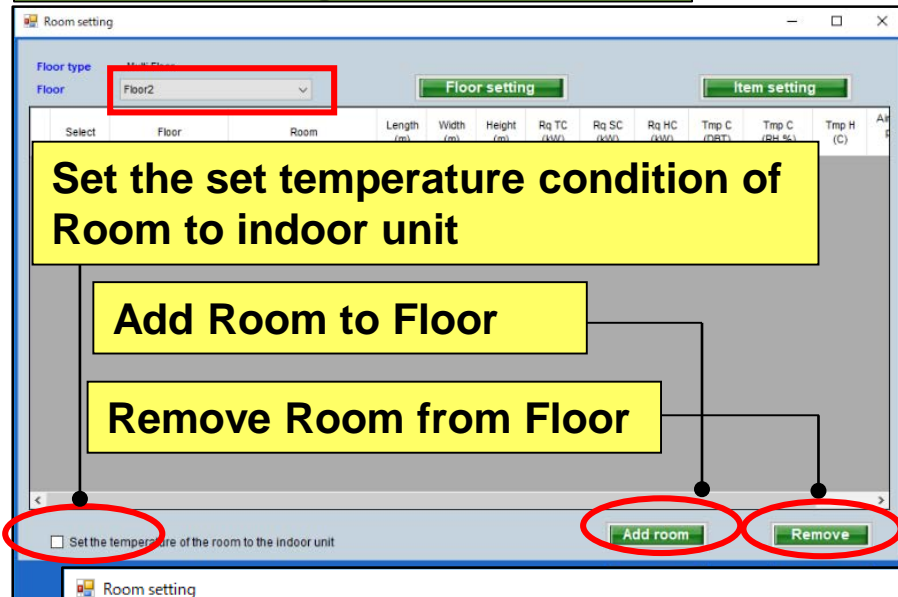
Only unit can be changed for Air Space / person

11-18 can be set arbitrarily by user

The screenshot shows the 'Room setting' window with the 'Item setting' dialog box open. The dialog box lists items and their units, with checkboxes for selection. The main window shows the room settings for Floor2, including a table of room parameters.

Select	Floor	Room	Length (m)	Width (m)	Height (m)	Rq TC (kW)	Rq SC (kW)	Rq HC (kW)	Tmp C (DBT)	Tmp C (RH %)	Tmp H (C)	Air F
1	Floor2	2F_Conference1	20.0	20.0	8.0	20	10	30	27	43.4	20	

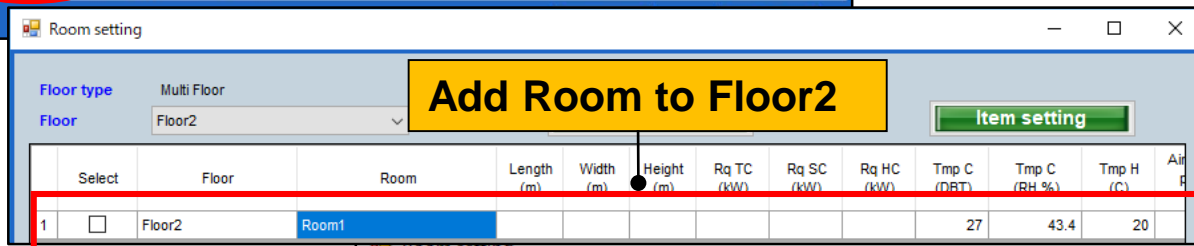
## Room setting function (3/3)



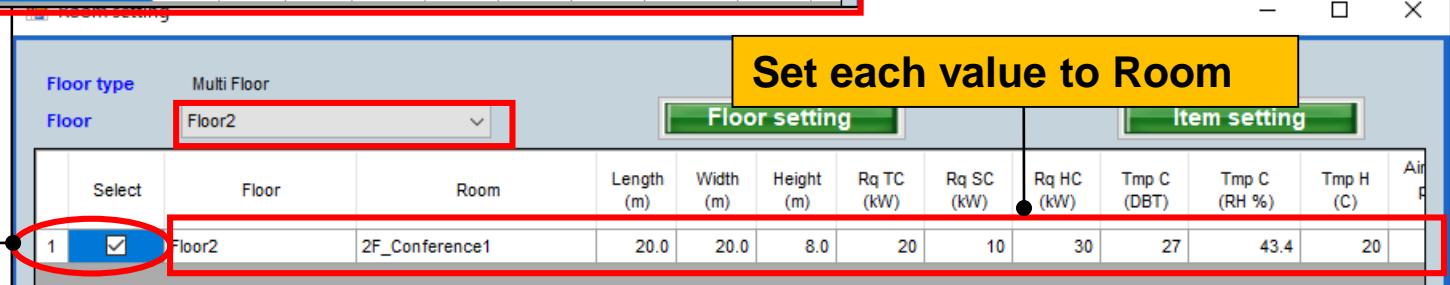
Select "Add room"

Add Room

Set indoor unit to Room



Room setting



Check and set indoor unit to Room

# 1. Indoor unit settings

## Sort order function

Press Sort button

Open Sort order registration screen

The screenshot shows the 'Indoor unit' settings window. On the left, there's a 'Details of indoor unit' section with an 'Indoor unit type image' and a 'Sort' button (indicated by a red circle). The main area contains a table of indoor units. A red circle highlights the 'Sort' button, which is linked to a 'Sort order' dialog box. The dialog box has a dropdown menu for 'order' with options: Index, Name, Comments, and Outdoor. A red arrow points from the 'Index' option to the 'Sort order' dialog box. The dialog box also has a 'Priority' dropdown with 'Priority High' and 'Priority Low' options. A red arrow points from 'Priority High' to the 'Sort order' dialog box. The dialog box has a 'Sort Indoor unit list.' button and 'Cancel' and 'OK' buttons.

Name	Comments	Model	Temp C (C/%)	Temp H (C)	Rq TC (kW)	TC (kW)	Rq SC (kW)	SC (kW)	Rq HC (kW)	HC (kW)	Capa C (kW)	Capa H (kW)	Pipe (inch)	Outdoor
Indr1	1F_Office1	Compact cassette	27.0/ 43.4	20	2.0		2.0		2.0					
Indr2	2F_Conference1	Slim duct(Drain pump...	27.0/ 43.4	20	0.5		0.5		0.5					
Indr3	2F_Conference2	Ceiling	27.0/ 43.4	20	7.0		5.0		7.0					
Indr4	1F_Office2_1	Compact cassette	27.0/ 43.4	20	4.0		4.0		4.0					
Indr5	1F_Office2_2	Compact cassette	27.0/ 43.4	20	4.0		4.0		4.0					
Indr6	1F_Office2_3	Compact cassette	27.0/ 43.4	20	4.0		4.0		4.0					
Indr7	1F_Office2_4	Compact cassette	27.0/ 43.4	20	4.0		4.0		4.0					
Indr8	1F_Office2_5	Compact cassette	27.0/ 43.4	20	4.0		4.0		4.0					
Indr9	1F_Office2_6	Compact cassette	27.0/ 43.4	20	4.0		4.0		4.0					
Indr10	1F_Office2_7	Compact cassette	27.0/ 43.4	20	4.0		4.0		4.0					

Sort order

order

Comments 1)

Name 2)

3)

4)

Priority High

Priority Low

Sort Indoor unit list.

Cancel OK

Perform Sort in the 1) - 4) order

# 1.Indoor unit settings

## Manual selection function (1/2)

The screenshot shows the 'Input new indoor unit' dialog box. A red circle highlights the 'Manual selection' checkbox under the 'Model' section. Three lines point from yellow callout boxes to specific elements: the first points to the 'Manual selection' checkbox, the second points to the 'Compact cassette' dropdown menu, and the third points to the 'AUXB07GALH' model name dropdown menu.

**Input new indoor unit**

Name: Indr1  
Comments:

**Model**  
☒ Manual selection

Type: Compact cassette

Model: AUXB07GALH

Airflow level: High

RC: Wired RC(Touch) [Options]

**Design criteria**

Cooling

		Required capacity		
DBT	C	27.0	TC kW	2.0
	RH %	43.4	SC kW	2.0

Heating

		Required capacity		
DBT	C	24.0	HC kW	2.0

Additional information

Room setting

Cancel Add

<Manual selection>

Select "Manual selection"

Select type of Indoor unit

Select model name of indoor unit

# 1. Indoor unit settings

## Design Simulator

### Manual selection function (2/2)

Indoor unit


File Preference Tool Help Update District : Europe

Indoor unit Outdoor unit Piping Wiring Control Report Menu

DX kit  
● Indoor unit ● Outdoor air unit ● Future unit

Details of indoor unit

Indoor unit type image



Indoor unit value

Model  
AUXB07GALH  
Capacity  
2.2 kW  
Fan air flow rate  
High / 540 m3/h  
Sound pressure level  
34 dB(A)  
Input power  
25 W

Name	Comments	Model	Tmp C (C/%)	Tmp H (C)	Rq TC (kW)	TC (kW)	Rq SC (kW)	SC (kW)	Rq HC (kW)	HC (kW)	Capa C (kW)	Capa H (kW)	Pipe (inch)	Outdoor
Indr1		AUXB07GALH	27.0/ 43.4	20	2.0		2.0		2.0		2.2	2.8	1/2x1/4	
Indr2		AUXB07GALH	27.0/ 43.4	20	2.0		2.0		2.0		2.2	2.8	1/2x1/4	
Indr3		AUXB07GALH	27.0/ 43.4	20	2.0		2.0		2.0		2.2	2.8	1/2x1/4	
Indr4		AUXB07GALH	27.0/ 43.4	20	2.0		2.0		2.0		2.2	2.8	1/2x1/4	
Indr5		AUXB07GALH	27.0/ 43.4	20	2.0		2.0		2.0		2.2	2.8	1/2x1/4	
Indr6		AUXB07GALH	27.0/ 43.4	20	2.0		2.0		2.0		2.2	2.8	1/2x1/4	
Indr7		AUXB07GALH	27.0/ 43.4	20	2.0		2.0		2.0		2.2	2.8	1/2x1/4	

Information on the model that decides

# 1.Indoor unit settings

## Design Simulator

### Model-information function (1/2)

**Input new indoor unit**

Name: Indr1  
Comments:

Model  
☐ Manual selection  
Type  
Compact cassette  
Model

Airflow level  
High

RC  
Wired RC(Touch)

**Design criteria**

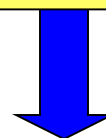
Cooling  
DBT C 27.0  
RH % 43.4  
Required cooling capacity TC SC

Heating  
DBT C 20  
Required heating capacity HC

Additional information  
Room setting

Cancel

Select "Model-information"



Model-information screen

**Model-information**

Compact cassette

Image	Name	Capa C (kW)	Capa H (kW)	Airflow (m3/h)	ESP (Pa)	Sound (dB)	HxWxD (mm)	Weight (kg)	Pipe (inch)
	AUSB04GALH	1.1	1.3	350/450/530		25/30/34	245x570x570	15.00	1/4x1/2
	AUSB04GBLH	1.1	1.3	350/450/530		21/28/34	245x570x570	14.50	1/4x3/8
	AUSB07GALH	2.2	2.8	350/450/540		25/30/34	245x570x570	15.00	1/4x1/2
	AUSB09GALH	2.8	3.2	350/450/550		25/30/35	245x570x570	15.00	1/4x1/2
	AUSB12GALH	3.6	4.1	390/530/600		27/34/37	245x570x570	15.00	1/4x1/2
	AUSB14GALH	4.5	5.0	390/590/680		27/34/38	245x570x570	15.00	1/4x1/2
	AUSB18GALH	5.6	6.3	400/580/710		27/35/41	245x570x570	17.00	3/8x5/8
	AUSB24GALH	7.1	8.0	450/830/1030		30/44/50	245x570x570	17.00	3/8x5/8

Click Select button to select a model as Manual selection.

Close Select











# 1. Indoor unit settings

## Design Simulator

### Model-information function (2/2)

Model-information

Compact cassette

Image	Name	Capa C (kW)	Capa H (kW)	Airflow (m3/h)	ESP (Pa)	Sound (dB)	HxWxD (mm)	Weight (kg)	Pipe (inch)
	AUXB04GALH	1.1	1.3	350/450/530		25/30/34	245x570x570	15.00	1/4x1/2
	AUXB04GBLH	1.1	1.3	350/450/530		21/28/34	245x570x570	14.50	1/4x3/8
	AUXB07GALH	2.2	2.8	350/450/540		25/30/34	245x570x570	15.00	1/4x1/2
	AUXB09GALH	2.8	3.2	350/450/550		25/30/35	245x570x570	15.00	1/4x1/2
	AUXB12GALH	3.6	4.1	390/530/600		27/34/37	245x570x570	15.00	1/4x1/2
	AUXB14GALH	4.5	5.0	390/590/680		27/34/38	245x570x570	15.00	1/4x1/2
	AUXB18GALH	5.6	6.3	400/580/710		27/35/41	245x570x570	17.00	3/8x5/8
	AUXB24GALH	7.1	8.0	450/830/1030		30/44/50	245x570x570	17.00	3/8x5/8

Click Select button to select a model as Manual selection.

Close Select

Indoor unit can be selected by manual selection

Input new indoor unit

Name: Indr2

Comments:

Model

☒ Manual selection

Type: Compact cassette

Model: AUXB12GALH

Airflow level: High

RC: Wired RC(Touch)

Options

Design criteria

Cooling

DBT C: 27.0 RH %: 43.4

Required capacity

TC kW: 0.5 SC kW: 0.5

Heating

DBT C: 20

Required capacity

HC kW: 0.5

Additional information

Room setting

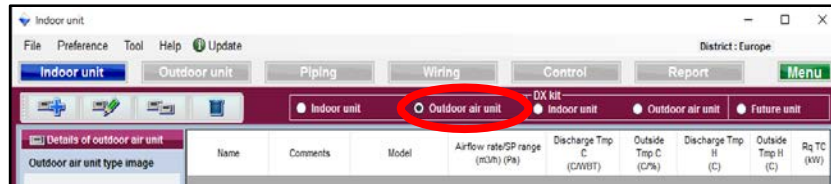
Cancel Add

## 1. Indoor unit



Select Indoor unit

## 2. Outdoor air unit



Select Outdoor air unit

## 3. DX Kit Indoor unit



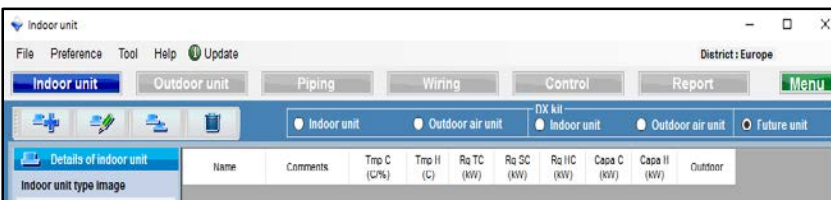
Select DX Kit Indoor unit

## 4. DX Kit Outdoor air unit



Select DX Kit Outdoor air unit

## 5. Future unit



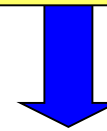
Select Future unit

# 2.Outdoor air unit settings

Design Simulator

## Outdoor air unit selection method (1/2)

Select “add new outdoor air unit”



Open outdoor air unit initial registration screen

Indoor unit

File Preference Tool Help Update

Indoor unit Outdoor unit Piping Wiring Control Report Menu

Details of outdoor air unit

Outdoor air unit type image

Name	Comments	Model	Airflow rate/SP range (m3/h) (Pa)	Discharge Temp C (C/WBT)	Outside Temp C (C/%)	Discharge Temp H (C)	Outside Temp H (C)	Rq TC (kW)
------	----------	-------	-----------------------------------	--------------------------	----------------------	----------------------	--------------------	------------

Outdoor air unit value

Model

Capacity

Fan air flow rate

Sound pressure level

Input power

Indoor unit

File Preference Tool Help Update

Indoor unit Outdoor unit Piping Wiring Control Report Menu

Details of outdoor air unit

Outdoor air unit type image

Input new outdoor air unit

Name OutAir1

Comments

Model

Airflow rate and static pressure 1080m3/h 50-185Pa

Model ARXH054GTAH

RC Wired RC(Touch)

Cooling

Discharge DBT/WBT 18 (C)

Outside DBT C 33.0

RH % 67.1

Capacity kW 14.4

Heating

Discharge DBT 25 (C)

Outside DBT C 0

Capacity kW 8.9

Additional information

Room setting

Cancel Add

# 2.Outdoor air unit settings

Design Simulator

## Outdoor air unit selection method (2/2)

Input new outdoor air unit

Name

OutAir1

Comments

Office

Model

Airflow rate and static pressure

1080m3/h 50-185Pa

Model

ARXH054GTAH

RC

Wired RC(Touch)

Cooling

Discharge DBT/WBT

18 (C)

Outside

DBT C

33.0

RH %

67.1

Capacity kW

14.4

Heating

Discharge DBT

25 (C)

Outside DBT

C

20.0

Capacity kW

1.8

Additional information

Room setting

Cancel

Add

Select Airflow rate and static pressure

Select type of Remote Controller

Input Discharge DBT/WBT

Input Outside DBT

Input Discharge DBT

Input Outside DBT

Room setting function

# System settings

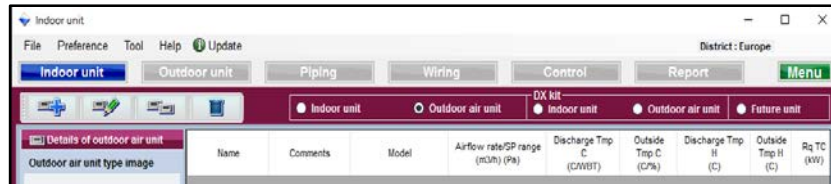
# Design Simulator

## 1. Indoor unit



Select Indoor unit

## 2. Outdoor air unit



Select Outdoor air unit

## 3. DX Kit Indoor unit



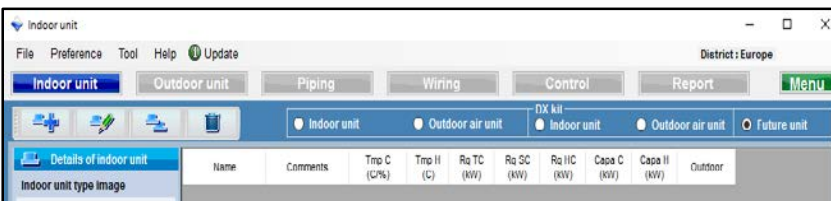
Select DX Kit Indoor unit

## 4. DX Kit Outdoor air unit



Select DX Kit Outdoor air unit

## 5. Future unit



Select Future unit

# 3.DX Kit Indoor unit settings

## Design Simulator

### DX Kit Indoor unit selection method (1/3)

Select "add new DX Kit"

Open Input new DX kit registration screen

Indoor unit

File Preference Tool Help Update

District : Europe

Indoor unit Outdoor unit Piping Wiring Control Report Menu

Indoor unit Outdoor air unit DX kit Indoor unit Outdoor air unit Future unit

Details of DX Kit (Indoor)

DX Kit (Indoor) type image

Name	Comments	Model	DX kit	Temp C (C%)	Temp H (C)	Rq TC (kW)	TC (kW)	Rq SC (kW)	SC (kW)
------	----------	-------	--------	-------------	------------	------------	---------	------------	---------

DX Kit (Indoor) value

Model

Capacity

Fan air flow rate

Sound pressure level

Input power

Indoor unit

File Preference Tool Help Update

District : Europe

Indoor unit Outdoor unit Piping Wiring Control Report Menu

Indoor unit Outdoor air unit DX kit Indoor unit Outdoor air unit Future unit

Input new DX kit - indoor unit

Name DX1 Comments

Model Selection

☒ Cooling and Heating ☐ Cooling only ☐ Heating Only

DX kit selection information input

Other unit Head Not In Use Model name Indoor unit

Rated TC kW 5.1 Heating Rated HC kW 5.7

DBT C 27.0 DBT C 20

RH % 43.4 Heat exchanger capacity cm3 960

Model UTY-VDXG UTP-VX30A Input range 1 - 4150

RC Wired RC(Touch) Select picture

Additional information Room setting

Report-Other unit information

Model name Other Unit Add

Rated TC kW 5.1 Rated SC kW Rated HC kW 5.7 MCA A

Airflow High Low Power W

SP High Low Dimensions Height mm

Sound High Low Width mm

dB High Low Depth mm

Weight kg

It can save, even if it does not input the all contents within the report items. It is not outputted to other screens or report.

Cancel Add

# 3.DX Kit Indoor unit settings

Design Simulator

## DX Kit Indoor unit selection method (2/3)

Input new DX kit - indoor unit

Name: DX2 Comments:

Model Selection  
☒ Cooling and Heating ☐ Cooling only ☐ Heating Only



DX kit selection information input

Other unit: Head Not In Use Model name: Indoor unit

Cooling  
Rated TC: kW 5.1 Heating  
Rated HC: kW 5.7

DBT: C 27.0 DBT: C 20  
RH % 43.4 Heat exchanger capacity: cm3 960

Model: UTY-VDX UTP-VX30A Input range: 1 - 4150

RC: Wired RC(Touch) Select picture:  

Additional information  
Room setting

Report-Other unit information

Model name: Rated TC: kW 5.1 Rated SC: kW 4.0 Rated HC: kW 5.7 MCA: A 0.56 Power: W 4

Airflow: High Low m3/h 710 400 Dimensions: Height mm 198 Width 900 Depth 620

SP: High Low Pa 90 10 Weight: kg 22

Sound: High Low dB 34 10

Other UnitAdd

Cancel Add

Select Model type

Select Other unit

Input Model name

Input Rated TC/HC

Input DBT

Input Heat exchanger capacity

Select Picture

Select type of Remote Controller

Room setting function

It can save, even if it does not input the all contents within the report items. It is not outputted to other screens or report.

# 3.DX Kit Indoor unit settings

Design Simulator

## DX Kit Indoor unit selection method (3/3)

Input new DX kit - indoor unit

Name: DX2 Comments:

Model Selection  
☒ Cooling and Heating ☐ Cooling only ☐ Heating Only

DX kit selection information input

Other unit: Head Not In Use  
Cooling  
Rated TC: kW 5.1  
DBT: C 27.0 RH % 43.4  
Model: UTY-VDGX UTP-VX30A  
RC: Wired RC(Touch)  
Additional information: Room setting

Model name: Indoor unit  
Heating  
Rated HC: kW 5.7  
DBT: C 20  
Heat exchanger capacity: cm3 960  
Input range: 1 - 4150  
Select picture: ☒ ☐

Report-Other unit information

Model name:   
Rated TC: kW 5.1  
Rated SC: kW 4.0  
Rated HC: kW 5.7  
Airflow: High Low m3/h 710 400  
SP: High Low Pa 90 10  
Sound: High Low dB 34 10  
MCA: A 0.56  
Power: W 4  
Dimensions: Height mm 198 Width mm 900 Depth mm 620 Weight kg 22  
Other Unit Add

It can save, even if it does not input the all contents within the report items. It is not outputted to other screens or report.

Cancel Add

Other Unit Add function

Input Rated SC

Input MCA

Input Power

Input Dimensions

Input Weight

Input Airflow

Input SP

Input Sound



# 3.DX Kit Indoor unit settings

## Design Simulator

### Other Unit Add function

Register the information used by DX Kit to Other Unit At 1) to 2)

Input new DX kit - indoor unit

Name: DX2 Comments:

Model Selection: ☒ Cooling and Heating ☐ Cooling only ☐ Heating Only

DX kit selection information input



Other unit: **Head Not In Use** Model name: Indoor unit

Rated TC: kW 5.1 Heating Rated HC: kW 5.7

DBT: C 27.0 DBT: C 20

RH %: 43.4 Heat exchanger capacity: cm3 960

Model: UTY-VDGX UTP-VX3A Input range: 1 - 4150

RC: Wired RC(Touch) Select picture:  

Room setting

Report-Other unit information

Model name: Indoor unit

Rated TC: kW 5.1 Rated SC: kW 4.0 MCA: A 0.56

Rated HC: kW 5.7 Power: W 4

Airflow: High 710 Low 400 Dimensions: Height mm 198

SP: High Pa 90 Low Pa 10 Width mm 900

Sound: High dB 34 Low dB 10 Depth mm 620

Weight: kg 22

1) Other Unit Add

It can save, even if it does not input the all contents within the report items. It is not outputted to other screens or report.

Cancel Add

Confirmation of the DX kit ...

Indoor unit

Model name: Indoor unit

Rated TC: kW 5.1 Rated SC: kW 4.0 Rated HC: kW 5.7

Airflow: High m3/h 710 Low m3/h 400

SP: High Pa 90 Low Pa 10

Sound: High dB 34 Low dB 10

MCA: A 0.56 Power: W 4

Dimensions: Height mm 198 Width mm 900 Depth mm 620

Weight: kg 22.00

2) Add

Input new other unit

Indoor unit

Model name: Indoor unit

Rated TC: kW 5.1 Rated SC: kW 4.0 Rated HC: kW 5.7

Fan air flow rate: High m3/h 710 Low m3/h 400

SP: High Pa 90 Low Pa 10

Sound: High dB 34 Low dB 10

MCA: A 0.56 Power: W 4

Dimensions: Height mm 198 Width mm 900 Depth mm 620

Weight: kg 22.00

OK

Registered Other Unit can be selected from pull-down when DX kit is input

Registered Other Unit information can be changed from Tool menu

Design Simulator

File Preference Tool Help Update Download DXF

New

- Make header
- User option basic information
- User options(Project)
- User options(Refrigerant)
- Import/Export user option master
- Other unit(DX kit)**
- Model replacement setting

# System settings

# Design Simulator

## 1. Indoor unit



## Select Indoor unit

## 2. Outdoor air unit



## Select Outdoor air unit

## 3. DX Kit Indoor unit



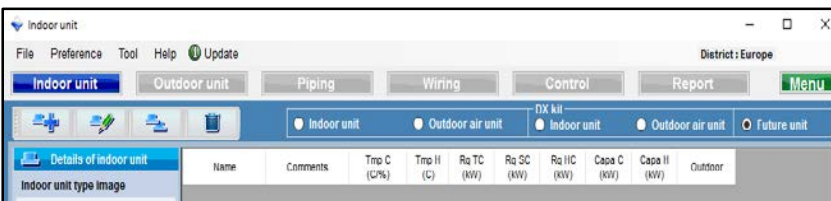
## Select DX Kit Indoor unit

## 4. DX Kit Outdoor air unit



## Select DX Kit Outdoor air unit

## 5. Future unit



## Select Future unit

# 4.DX Kit Outdoor air unit settings *Design Simulator*

## DX Kit Outdoor air unit selection method (1/3)

Select “add new DX kit ”

Open DX kit initial registration screen

The screenshot shows the 'Indoor unit' software interface. The 'Outdoor unit' tab is selected. In the 'DX kit' section, the 'Add new DX kit' icon (a plus sign) is circled in red. The 'Details of DX Kit (OAU)' panel is open, showing a table with columns: Name, Comments, Model, DX kit, Discharge Temp C (C/WBT), Outside Temp C (C%), Discharge Temp H (C), Outside Temp H (C), and Rq TC (kW). The table is currently empty.

The screenshot shows the 'Input new DX kit - outdoor air unit' dialog box. The 'Name' field is set to 'DX1'. The 'Model Selection' is set to 'Cooling and Heating'. The 'DX kit selection information input' section contains the following fields:

Field	Value
Other unit	Head Not In Use
Rated TC	5.1 kW
Discharge DBT	18 C
WBT	17.5 C
Outside DBT	33.0 C
RH %	67.1
Model	UTP-VX30A
RC	Wired RC(Touch)
Model name	Outdoor air unit
Rated HC	5.7 kW
Discharge DBT	25 C
Outside DBT	0 C
Heat exchanger capacity	960 cm3
Input range	1 - 3950

The 'Report-Other unit information' section contains the following fields:

Field	Value
Model name	
Rated TC	5.1 kW
Rated SC	
Rated HC	5.7 kW
Airflow	High / Low
SP	High / Low
Sound	High / Low
Dimensions	Height / Width / Depth
Weight	kg

The 'Add' button is highlighted in green. A red box highlights the entire dialog box.

It can save, even if it does not input the all contents within the report items. It is not outputted to other screens or report.

# 4.DX Kit Outdoor air unit settings *Design Simulator*

## DX Kit Outdoor air unit selection method (2/3)

**Input new DX kit - outdoor air unit**

Name:  Comments:

Model Selection  
☒ Cooling and Heating ☐ Cooling only ☐ Heating Only

DX kit selection information input

Other unit:  Model name:

Cooling  
Rated TC:  kW  
Discharge DBT:  °C  
WBT:  °C  
Outside DBT:  °C  
RH %:

Heating  
Rated HC:  kW  
Discharge DBT:  °C  
Outside DBT:  °C  
Heat exchanger capacity:  cm3  
Input range:

Model:

RC:

Additional information

Report-Other unit information

Model name:

Rated TC:  kW  
Rated SC:  kW  
Rated HC:  kW

Airflow: High  m3/h Low  m3/h  
SP: High  Pa Low  Pa  
Sound: High  dB Low  dB

MCA:  A  
Power:  W

Dimensions: Height  mm Width  mm Depth  mm  
Weight:  kg

Select Model type

Select Other unit

Input Model name

Input Rated TC/HC

Input DBT

Input WBT

Input Heat exchanger capacity

Select Picture

Select type of Remote Controller

Room setting function

It can save, even if it does not input the all contents within the report items. It is not outputted to other screens or report.

# 4.DX Kit Outdoor air unit settings

Design Simulator

## DX Kit Outdoor air unit selection method (3/3)

**Input new DX kit - outdoor air unit**

Name:  Comments:

Model Selection  
☒ Cooling and Heating ☐ Cooling only ☐ Heating Only

DX kit selection information input

Other unit:  Model name:



Cooling  
Rated TC kW   
Discharge DBT C   
WBT C   
Outside DBT C   
RH %

Heating  
Rated HC kW   
Discharge DBT C   
Outside DBT C   
Heat exchanger capacity cm3   
Input range 1 - 3950

Model

RC

Additional information

Select picture  
☒  ☐ 

Report-Other unit information

Model name

Rated TC kW   
Rated SC kW   
Rated HC kW

Airflow  
High Low  
m3/h    
SP  
Pa    
Sound  
dB

MCA A   
Power W   
Dimensions  
Height mm   
Width mm   
Depth mm   
Weight kg

It can save, even if it does not input the all contents within the report items. It is not outputted to other screens or report.

Other Unit Add function

Input Rated SC

Input MCA

Input Power

Input Dimensions

Input Weight

Input Airflow

Input SP

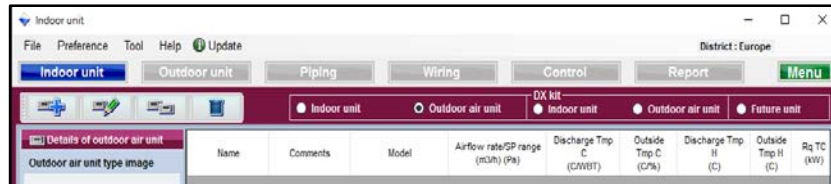
Input Sound

## 1. Indoor unit



Select Indoor unit

## 2. Outdoor air unit



Select Outdoor air unit

## 3. DX Kit Indoor unit



Select DX Kit Indoor unit

## 4. DX Kit Outdoor air unit



Select DX Kit Outdoor air unit

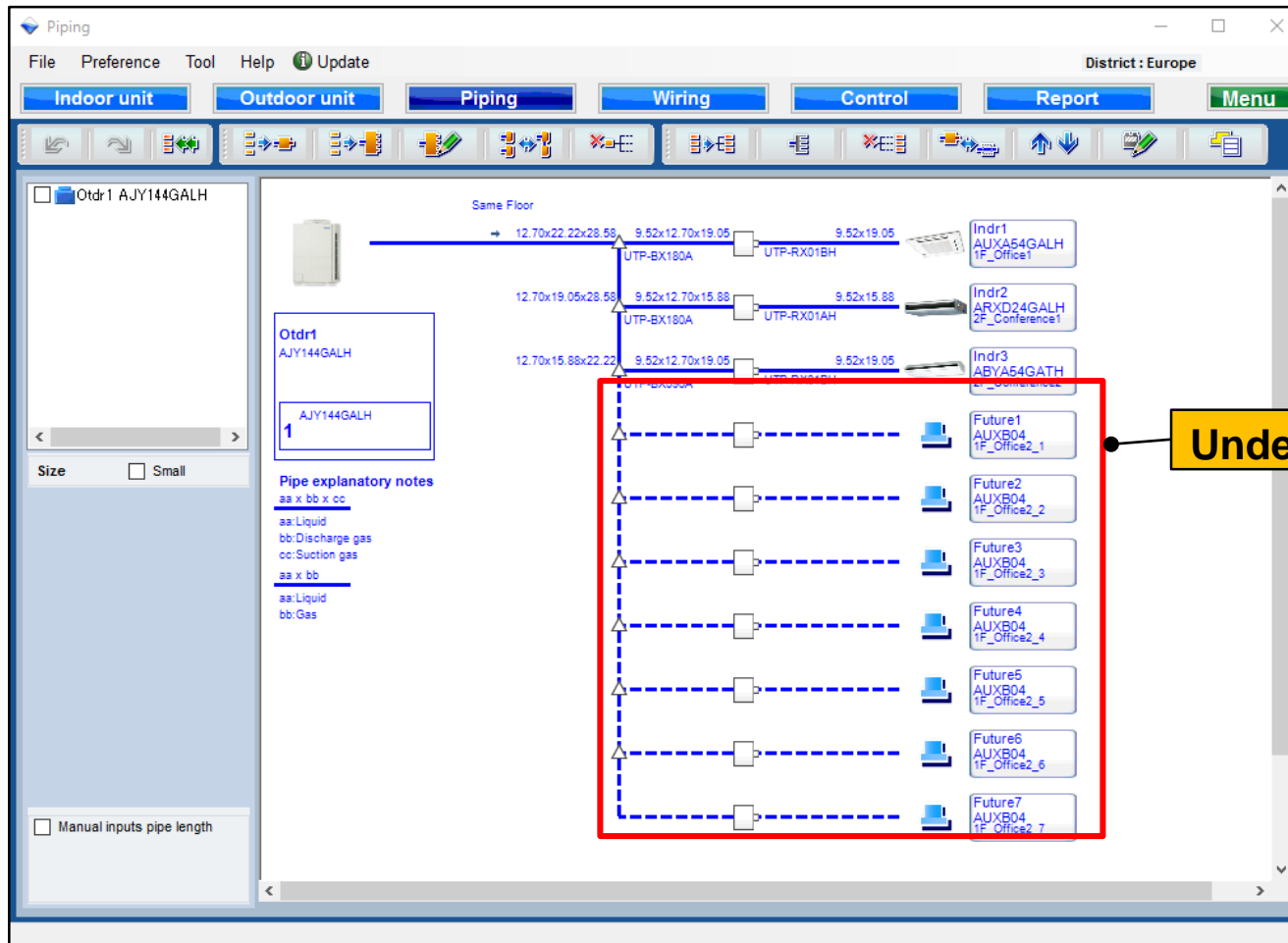
## 5. Future unit



Select Future unit

## Future unit outline

This function selects outdoor units and piping in prospect of indoor units added in the future. Therefore, the results are not reflected to estimates or model selection list.



Undefined indoor units part

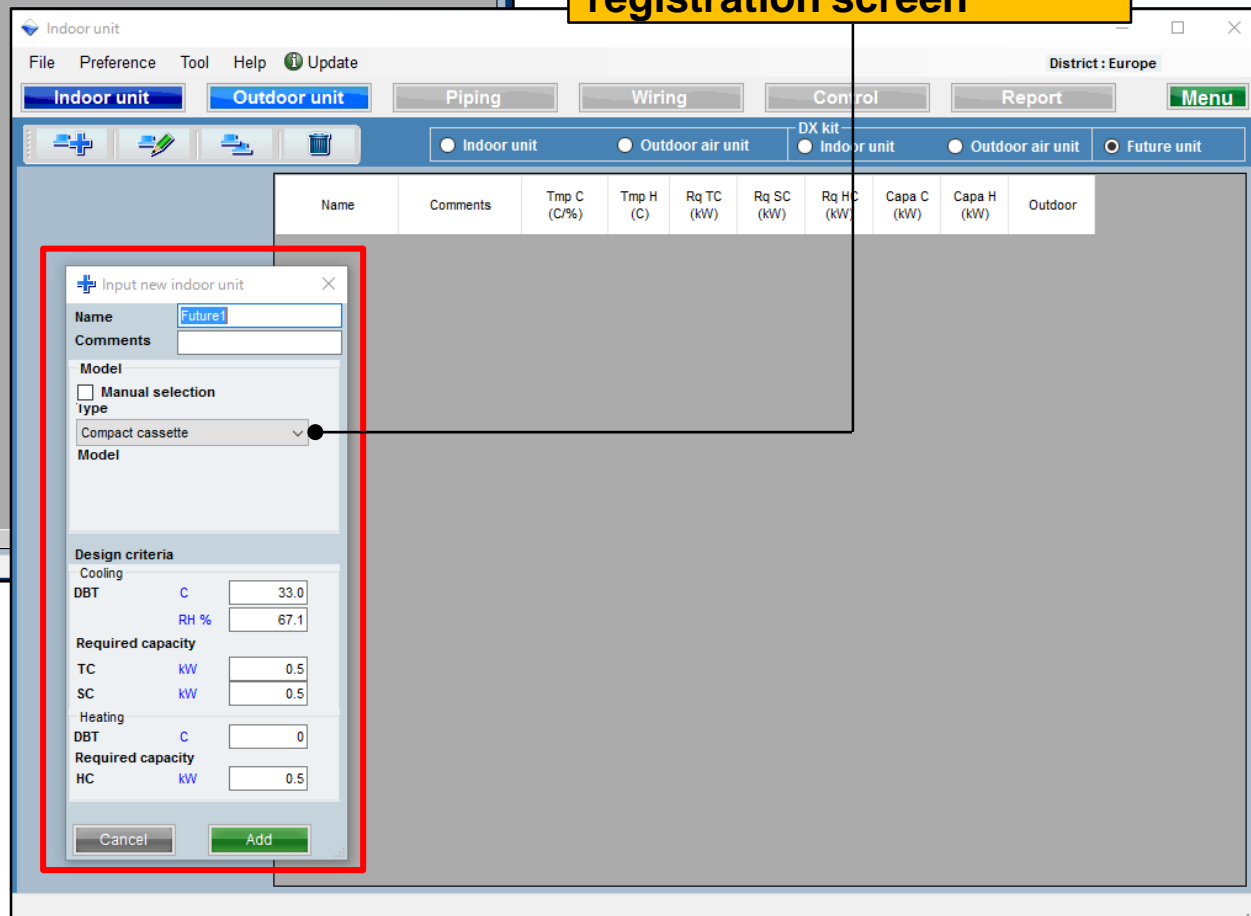
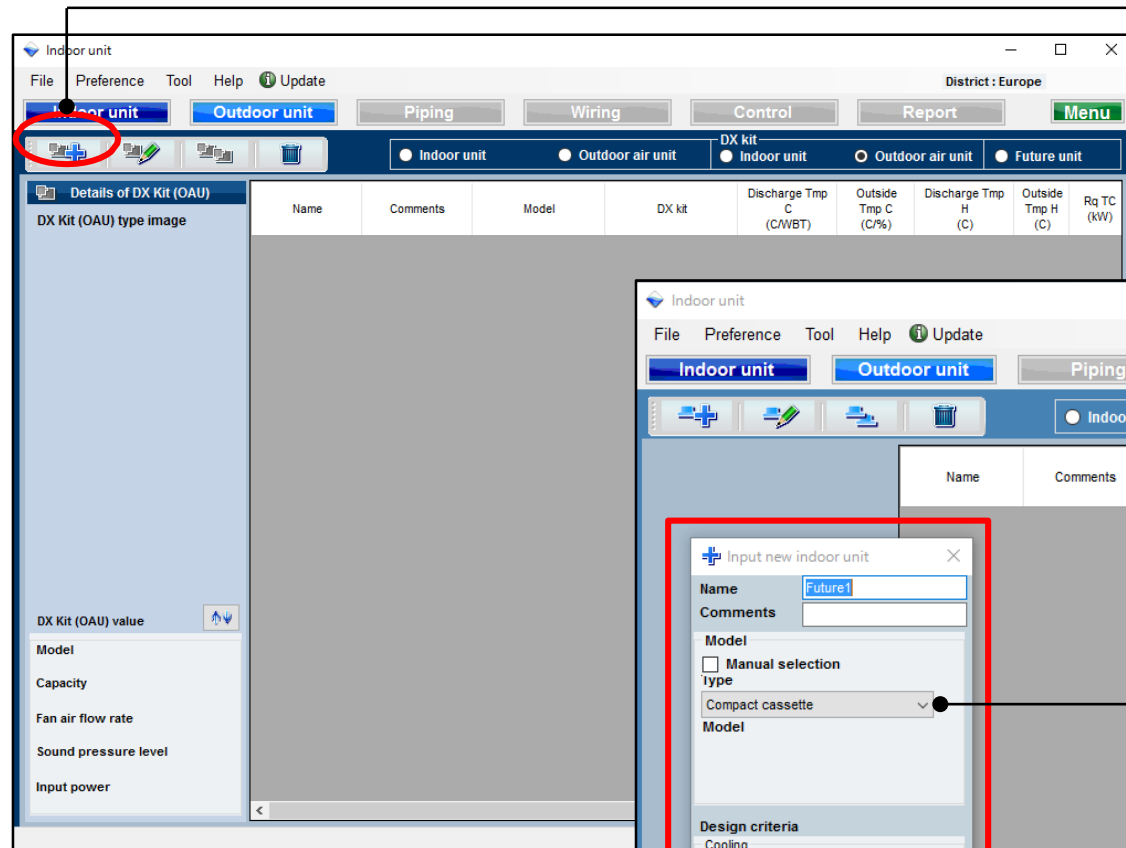
# 5.Future unit settings

## Design Simulator

### Future unit selection method (1/4)

Select “add new future unit”

Open future unit initial registration screen





# 5.Future unit settings

## Future unit selection method (2/4)

+

Input new indoor unit

×

Name

Future1

Comments

Model

☐ Manual selection

Type

Compact cassette

Model

Design criteria

Cooling

DBT

C

33.0

RH %

67.1

Required capacity

TC

kW

0.5

SC

kW

0.5

Heating

DBT

C

0

Required capacity

HC

kW

0.5

Cancel

Add

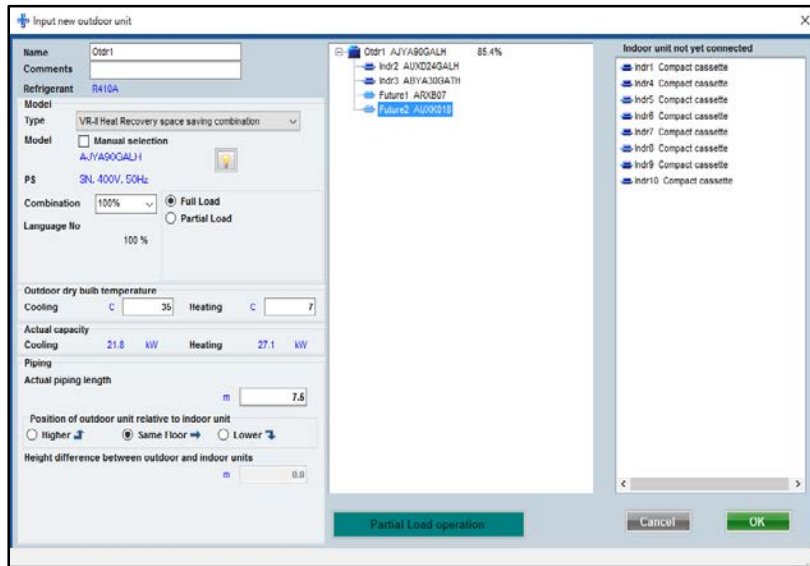
Select Manual selection

Select type of Indoor unit

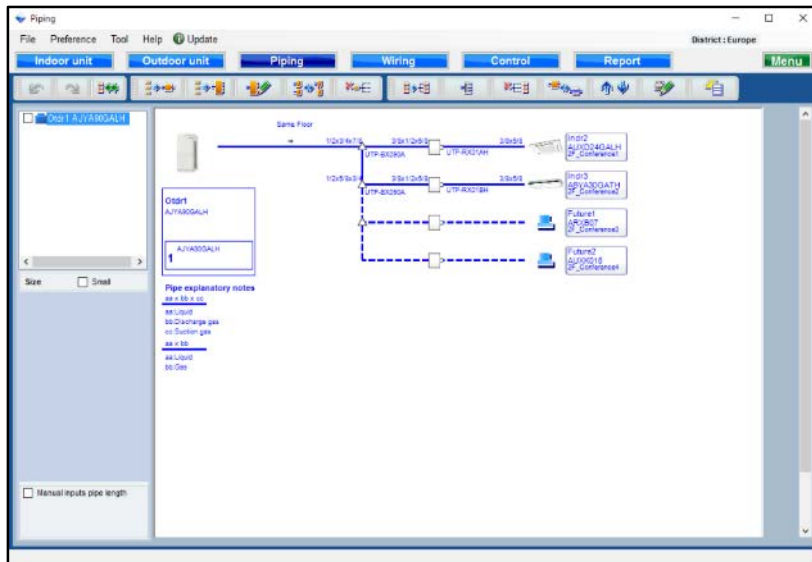
Input DBT

Input Required capacity

## Future unit selection method (3/4)



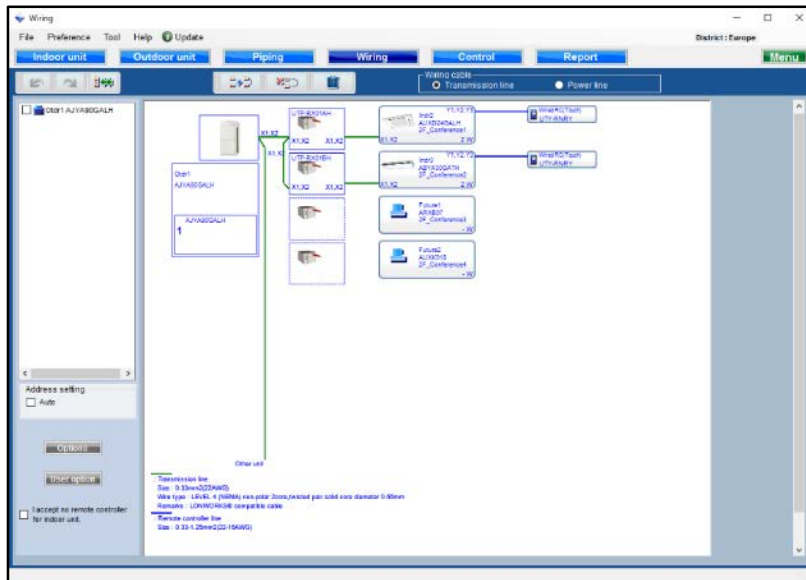
## Connect future unit to outdoor unit



**Future unit can be displayed at Piping.  
Pay attention to the following points.**

- "Future unit" only, a connection design of header can't be done.
- "Future unit" only, a connection design of RB single can't be done.
- "Future unit" only, a connection design of RB Multi can't be done.
- The design with which "Future unit" is connected at the end of header can't be done.
- Length input of the laying of the pipes which connects with "Future unit" can't be done.

## Future unit selection method (4/4)



**Future unit can be displayed at Wiring.  
Pay attention to the following points.**

- A remote control group including "Future unit" can't be designed.
- "Future unit" will not be displayed transmission lines and power lines.

Report

File

Preference

Tool

Help

Update

District : Europe

Menu

Indoor unit

Outdoor unit

Piping

Wiring

Control

Report

Select

☒ Variable list
 ☐ Option 2

☐ Indoor unit
 ☐ Outdoor unit
 ☐ Defect 1

☐ User options(Project)
 ☐ User options(Technician)

Printout

Item	Model	Quantity	Type	Remarks1	Remarks2
Outdoor	AUX96GALH	1	VRV Heat Recovery		
Indoor	AUXD24CALH	1	Cassette		
Indoor	APY336GATH	1	Ceiling		
Remote controller	UTY-RNRY	2	Wire RC(Touch)		
Option (Indoor item)	UTG-UGW-W	1	Cassette Onile		
Branch kit	UTP-BI090A	2	Separation tube		
R81 unit	UTP-RX01AH	1	R81 unit		
R81 unit	UTP-RX01BH	1	R81 unit		
Pipe	1/4	0.0	Unit: m	Total pipe length:	
Pipe	3/8	0.0	Unit: m	Total pipe length:	
Pipe	1/2	0.0	Unit: m	Total pipe length:	
Pipe	5/8	0.0	Unit: m	Total pipe length:	
Pipe	3/4	0.0	Unit: m	Total pipe length:	
Pipe	7/8	0.0	Unit: m	Total pipe length:	
Refrigerant	R410A	3.00	Unit: kg	Total Refrigerant:	

**Future unit is not displayed at Report.**